



A MEMO TO THE SORA COMMUNITY

OCTOBER 2024

This document accompanies the invoice sent to SORA for the services provided by SORAMITSU.

October 2024 was an incredible month of accomplishments. The SORA Integrated Plan continues to be the roadmap for the SORA network development pipeline, and the progress rate has steadily advanced.

This memo will provide a perspective on the activities for each track, a description of the development activities specific to this month, and the total amount of hours presented in invoice number 900112 served to the SORA Community.

1 SORA (Substrate) - 5,502 hrs

This month's work focuses on the tokenomics upgrade, [Kensetsu](#), the [Multi EVM bridge](#), the [TON bridge](#), [ALT Technology](#), and the [RegDeFi](#) proof of concept.

The Kensetsu platform development is currently focused on monitoring business metrics, and educational materials are being crafted to foster widespread use.

Work on the tokenomics upgrade included the vXOR DEX base pair implementations, buy-back and burn strategies for supply mitigation, and the redenomination mechanisms for vXOR.

ALT (Aggregate Liquidity Technology, released last month is ongoing testing and maintenance for smooth and optimum functionality. Documentation is being crafted for the SORA wiki and education collaterals.

Work on the Multi-EVM bridge focuses on addressing the security audit. Binance Smart Chain support is progressing, and implementation research and testing transfers between SORA and BSC are actively ongoing.

The bridge to TON (The Open Network) is actively being worked on. The architecture and technology have been defined, and work is ongoing to implement bridge support and test bridge functionality. The security audit was completed, and the feedback is being implemented. In tandem, work is ongoing with SORATOPIA for client development.

RegDeFi (formerly DeFi-R) development is in the final stages, QA feedback is being addressed, and work is ongoing with the Polkaswap team for a front-end implementation. There are more test cases in the pipeline, and shortly thereafter, the feature will be released on production, with potential use cases lined up.

The HRMP proposal to Moonbeam was sniped, and with the connection rejected, this process can be considered complete. The focus is now on optimising the Asset Hub connection to facilitate asset transfers but working on the parachain fees (introduced as Polkadot Asset Hub Bridge), additionally, the crowdloan reward distribution needs to be prepared.

Additional work on SORA Substrate infrastructure includes documentation on the asset structure, known internally as ExtendedAssets, updating the Polkadot SDK to v1.11.0 and testing the implementation, as well as infrastructure maintenance for the pricing server and price tools. This final point may cause some visual bugs on price aggregating platforms, but these are not cause for concern.

Collaboration and blockchain architecture research for SORA v3, including integration or interoperability with Central Bank networks, is ongoing. Additionally, a feature to add vesting token transfers (to gradually release funds), XOR-less transactions (allowing any token use), and multi-signature accounts to Polkaswap are under steady development.

Finally, ongoing project management activities include SORA Governance and Technical committee support, quality assurance ops, and development support for external teams building on the SORA network.

On the mobile side, updates for SORA Card Phase 2 are underway, implementing changes from external partners, integrating the fiat wallet feature and optimising cross-communication of the fiat wallet application to the SORA wallet, and working on improvements to the KYC flow.

1.1 SORA Backend

- Kensetsu:
 - Development of business metrics for monitoring products;
 - Collaborating with the marketing team on education initiatives.
- Tokenomics Upgrade:
 - Brainstorming implementation and improvements for DEX base pairs (vXOR);
 - Implementation of strategy updates for buyback-and-burn mechanism;
 - Implementation of vXOR redenomination.
- Multi-EVM Bridge:
 - Working on feedback from the security audit;
 - Researching and implementing support for Binance Smart Chain (BSC);
 - Testing bridge activities (SORA<>BSC).
- TON Bridge:
 - Technology research and definition of architecture;
 - Implementing support for the bridge to TON;
 - Testing bridge activities;
 - Implementing fixes from the security audit;
 - Synchronization with the SORATOPIA team for client implementation.

- Aggregate Liquidity Technology (ALT):
 - Testing and fixing activities;
 - Writing documentation.

- RegDeFi Proof of Concept:
 - Implementation and fixing of implementation from QA feedback;
 - Collaboration with the Polkaswap team for implementation on the Web;
 - Testing activities;
 - Release functionality on production.

- Parachain:
 - Implementation and testing of HRMP channel to AssetHub;
 - Work on the parachain fees;
 - Brainstorm solution for distribution of crowdloan rewards.

- Builders:
 - Implementation and improvement of the vesting feature for projects with builders;
 - Implementation and improvement of the multi-signature accounts feature for a project with builders;
 - Implementation of a set of XORless transactions for a project with builders;
 - Brainstorming solutions and presentation to institutional builders for SORA.

- Others:
 - Documentation on the structure of assets: ExtendedAssets and brainstorming synergies for features for builders;
 - Upgrading Polkadot SDK version to v1.11.0 with testing activities;
 - Maintenance of infrastructure (pricing server, price tools, nodes).

- Codebase maintenance, cleaning, and optimisation;
- Collaboration and research on blockchain architecture for central banks powered by SORA (SORA v3);
- Project management activities (daily meetings, planning, retrospectives);
- Quality assurance and testing activities, as well as the development of automated tests.

1.2 Mobile Apps

- Testing and updating Phase 2:
 - Updating implementation based on changes from external partners;
 - Integration of fiat wallet application;
 - Cross-app communication between SORA and Fiat wallets;
 - Improvements in KYC flow.
- Maintenance of middle-ware for communication with partners' back-end;
- Project management activities (daily meetings, planning, retrospectives);
- Product Design activities;
- QA and testing activities;
- Communicating and synchronizing with external partners for SORA Card: Phase 2;
- Collaborating with Fearless Wallet for integration.

2 Substrate (PSWAP) - 932 hrs

Polkaswap has received a substantial amount of ongoing improvements, including:

- Added Vested Transfer support;
- Enabled Aggregate Liquidity Technology (ALT);
- Supported VXOR as based asset for liquidity and orderbook pairs;
- Developed theme auto detection and system mode;
- Multi-signature Accounts and Transactions support;
- Connect Wallets Redesign:
 - Added auto detect of Substrate and EVM wallets;
 - Added predefined and recommended wallets of Substrate and EVM wallets;
 - Simplified the user's flow during the connection of wallets;
- Implemented new settings with “hide balances” by rotating the screen in Telegram Mini App;
- Improved Assets Management:
 - “Add multiple assets” support;
 - Added favourite assets;
 - New assets filters support.
- Added new filter for periods of chart-based widgets;
- Developed new dialogs for Add & Remove liquidity;
- Improved theme changes in Telegram Mini App;
- Enhanced Swap page styles & widgets;
- Refined supported languages;
- Prepared backbone for Point System Upgrade;
- Enhanced Polkaswap loading:
 - Removed duplicated styles;
 - Optimized lazy loading for core components;
 - Improved app loading life cycle.
- Project management activities (daily meetings, planning, retrospectives);
- Product Design activities;
- QA and testing activities.

3 DevOps and Security - 514 hrs

The work done this month by DevOps covers the SORA network as well as its underlying infrastructure. Here are more details:

3.1 SORA Blockchain

- Improved CI/CD pipeline:
 - Improved library
- New alerting rules;
- In progress:
 - TON bridge testing and deployment.

3.2 Parachain

- Improved CI/CD pipeline:
 - Improved library

3.3 Polkaswap

- Improved CI/CD pipeline;
- Working on fault tolerance.

3.4 Mobile Clients

- Updated CI/CD pipeline:
 - Super Wallet CI/CD;
 - Upgraded autotests pipelines;
 - Improved library.

3.5 SORA Card

- Apple App Store management;
- New version deployed;
- Working on Infrastructure hardening.

4 Education – 815 hr

Educational operations this month included:

4.1 SORA

- Ongoing wiki Improvements;
- Social media management;
- SORATOPIA Campaign including;
 - Collaboration with other Telegram games;
 - Strategic Growth and SMM.
- Weekly network digest recap;
- Aggregate Liquidity Technology campaign including:
 - Article
 - AMA
- SORA network upgrade communications;
- Discussions with potential partners to integrate their services into the SORA Wallet and integrate SORA DeFi services into their product;
- Alignment and coordination for business-oriented initiatives;
- Ongoing SORA wiki maintenance and feature documentation covering new releases for users and builders;
- Cross-team, cross-department synchronization and planning on processes;
- Product-Marketing collaboration on marketing campaigns;
- Product-education collaboration on campaigns;
- Data analysis of the network and ecosystem to drive data-driven decision-making;
- Meeting and brainstorming with builders partners for implementing projects on SORA;
- Brainstorming, strategising, and planning for SORA v3;
- SORA evangelisation at industry events and conferences.

4.2 Polkaswap

- Social media management;
 - Polkaswap version upgrade communications;
 - Asset Owner feature communications;
 - Polkaswap Telegram mini app promotion.
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- Expenses of attending high-impact in-person events and business-to-government (B2G) meetings.

5 Total Hours – 7,763 hr

Additionally, invoice 900111, attached, pertains to cloud server costs for October 2024.

Your ongoing support is greatly appreciated, and we look forward to continuing to serve you.

Sincerely,

SORAMITSU Helvetia AG

SORA TRUST

Invoice

Invoice for	Payable to	Issue Date	Invoice Number
SORA.org	Sora Trust	15 November 2024	ST900111
	Project	Due Date	
	Cloud Service Provider Cost for October 2024	22 November 2024	

Description	Amount (CHF)
Cloud Service Provider Cost for October 2024	14,866.00

Subtotal	14,866.00
Tax	0.00

Total Amount Due CHF 14,866.00

** Payment can be made in equivalent KUSD, at the market rate.*

Wallet Address : cnRus2m2Rn776v88H5RUtyiaXtr3daN6ePn6yenLKepx1SqYo

Thank you very much for your business. We are looking forward to serving you again.

SORA TRUST

Invoice

Invoice for	Payable to	Issue Date	Invoice Number
SORA.org	Sora Trust	15 November 2024	ST900112
	Project	Due Date	
	Development Cost for October 2024	22 November 2024	

Description	Quantity (Work-Hours)	Unit Price (CHF)	Amount (CHF)
SORA (Backend, Mobile Apps)	5,502	333.00	1,832,166.00
Polkaswap (Backend, Frontend)	932	333.00	310,356.00
DevOps and Security Review	514	333.00	171,162.00
Education	815	333.00	271,395.00
Subtotal	7763	333.00	2,585,079.00

Subtotal	2,585,079.00
Tax	0.00

Amount Due	CHF 2,585,079.00
Grand Total Due (Invoice ST900111 & ST900112)	CHF 2,599,945.00

* Payment can be made in equivalent KUSD, at the market rate.

Wallet Address : cnRus2m2Rn776v88H5RUtyiaXtr3daN6ePn6yenLKepx1SqYo

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